

08-29-05

IFW/1654

PTO/SB/21 (09-04)

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

70

Application Number

08/477,984

Filing Date

June 7, 1995

First Named Inventor

COWGILL et al.

Art Unit

1654

Examiner Name

A. Gupta

Attorney Docket Number

PP1087.001 (2300-1087)

**ENCLOSURES (Check all that apply)**☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a  
Provisional Application☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) \_\_\_\_\_

☐

Landscape Table on CD

☐

After Allowance Communication to TC

☐Appeal Communication to Board  
of Appeals and Interferences☐Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please identify  
below):

Third Request Correct Inventor...(2 pages)

Copies of the Following Previous Filings:

October 3, 1996 (19 pages)

November 10, 2003 (36 pages)

November 16, 2004 (3 pages)

July 18, 2005 (3 pages)

August 17, 2005 (5 pages)

Return Receipt Postcard (1 page)

☐Certified Copy of Priority  
Document(s)☐Reply to Missing Parts/ Incomplete  
Application☐Reply to Missing Parts  
under 37 CFR 1.52 or 1.53

Remarks

The Commissioner is authorized to charge any additional fees to Deposit  
Account 18-1648.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Robins &amp; Pasternak LLP

Signature

Printed name

Roberta L. Robins

Date

August 26, 2005

Reg. No.

33,208

**CERTIFICATE OF EXPRESS MAILING**"Express Mail" Mailing Label No. EV 514 186 564 US

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

Typed or printed name

Anne Currier Carr

Date

August 26, 2005



Atty Dkt No. PP1087.001  
Application No. 08/477,984  
PATENT

"Express Mail" Mailing Label No. EV 514 186 564 US  
Date of Deposit August 26, 2005

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Anne Currier Carr  
Name of Person Mailing Paper or Fee

*Anne Currier Carr*  
Signature of Person Mailing Paper or Fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Confirmation No.: 6630

Serial No.: 08/477,984

Art Unit: 1654

Filing Date: June 7, 1995

Examiner: A. Gupta

Title: METHODS OF PURIFYING AUTHENTIC IGF FROM YEAST HOSTS

**THIRD REQUEST TO CORRECT INVENTORSHIP AND  
SECOND REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants have filed the following papers during the pendency of the above-identified application, all of which have gone unanswered. The application has been allowed and Applicants respectfully request that these issues be addressed prior to payment of the issue fee, due September 22, 2005:

October 3, 1996:	Petition for Correction of Inventorship Consent of Assignee to Correction of Inventorship Declaration and Power of Attorney Declaration of Original Inventors in Support of Petition to Correct Inventorship
November 10, 2003:	Request to Correct Inventorship Declaration in Support of Petition to Correct Inventorship Consent of Assignee for Correction of Inventorship Declaration for Patent Application
November 16, 2004:	Status Request
July 18, 2005:	Status Request
August 17, 2005:	Request for Corrected Filing Receipt

For the Examiner's convenience, complete copies of the filings including the above-listed documents are enclosed herewith.

In summary, Applicants request that all 11 of the following people be acknowledged as inventors of the above-identified application, and that a new filing receipt be issued before payment of the issue fee is due September 22, 2005:

Cynthia Cowgill, Berkeley, CA	(original inventor)
Luis Juarbe-Osorio, San Francisco, CA	(original inventor)
Patricio Riquelme, Walnut Creek, CA	(original inventor)
Glenn Dorin, San Rafael, CA	(original inventor)
Christopher M. Bussineau, Hayward, CA	(added October 3, 1996)
Robert D. Kudrna, Alameda, CA	(added October 3, 1996)
Carl Scandella, Bellevue, WA	(added November 10, 2003)
Russell A. Brierley, West Chester, PA	(added November 10, 2003)
Joan N. Abrams, Downingtown, PA	(added November 10, 2003)
John M. Hanson, Encinitas, CA	(added November 10, 2003)
Francis C. Maslanka, West Chester, PA	(added November 10, 2003)

If the Office feels that a telephone conference would expedite this request, please call the undersigned at (650) 493-3400.

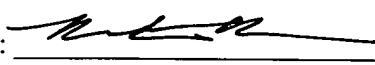
Please direct all further written communication in this application to:

Gerald Suh, Esq.  
Chiron Corporation  
Intellectual Property – R440  
P.O. Box 8097  
Emeryville, CA 94662-8097

Respectfully submitted,

Date: 8/26/05

CHIRON CORPORATION  
Intellectual Property – R440  
PO Box 8097  
Emeryville, CA 94662-8097

By:   
Roberta L. Robins  
Registration No. 33,208  
Attorney for Applicants



Atty Dkt No. 2300-1087  
Chiron Dkt No. PP01087.001  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Serial No.: 08/477,984

Art Unit: 1654

Filing Date: June 7, 1995

Examiner: A. Gupta

Title: METHODS FOR PURIFYING AUTHENTIC  
IGF FROM YEAST HOSTS

REQUEST TO CORRECT  
INVENTORSHIP UNDER 37 CFR §1.48(a)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a request to correct inventorship of the above-identified application to designate CARL SCANDELLA, RUSSELL A. BRIERLEY, JOAN N. ABRAMS, JOHN M. HANSON and FRANCIS C. MASLANKA as additional inventors.

Accompanying this request is a Declaration in Support of Petition to Correct Inventorship Under 37 C.F.R. 1.48(a) signed by each inventor to be added, a Consent of Assignee for Correction of Inventorship, a Declaration for Patent Application, a Power of Attorney for Patent Application, a Statement Under 37 C.F.R. 3.73(b), copy of Assignment signed by Carl Scandella, and the required fee pursuant to 37 CFR §1.17(i).

Favorable action on this request is respectfully solicited.

The Commissioner is hereby authorized to charge any additional fees under 37 CFR §1.16 and 1.17 which may be required by this paper, or to credit any overpayment, to Deposit Account No. 18-1648.

Respectfully submitted,

Date: 11/10/03

By: [Signature]  
Roberta L. Robins  
Registration No. 33,208  
Attorney for Applicants

Chiron Corporation  
Intellectual Property – R440  
PO Box 8097  
Emeryville, CA 94662-8097  
Telephone: 650-493-3400

Facsimile: 650-493-3440



Atty Dkt No. 2300-1087  
Chiron Dkt No. PP01087.001  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Serial No.: 08/477,984

Art Unit: 1654

Filing Date: June 7, 1995

Examiner: A. Gupta

Title: METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS

DECLARATION IN SUPPORT OF PETITION TO  
CORRECT INVENTORSHIP UNDER 37 CFR §1.48(a)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

We, RUSSELL A. BRIERLEY, JOAN N. ABRAMS, JOHN M. HANSON,  
FRANCIS C. MASLANKA and CARL SCANDELLA, hereby verify that the error in  
inventorship on the above-identified application occurred without deceptive intent.

We declare that all statements made herein of our own knowledge are true and  
that all statements made on information and belief are believed to be true; and that these  
statements were made with the knowledge that willful false statements and the like so made are  
punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States  
Code, and that such willful false statements may jeopardize the validity of the application or any  
patent issuing thereon.

Date: 7 Jan 03

R. A. Brierley  
Russell A. Brierley

Date: 21 Jan 03

Joan N. Abrams  
Joan N. Abrams

Date: 13 Jan 03

John M. Hanson  
John M. Hanson

Date: 22 Oct 03

Francis C. Maslanka  
Francis C. Maslanka

Date: 10/15/02

Carl Scandella  
Carl Scandella



Atty Dkt No. 2300-1087  
Chiron Dkt No. PP01087.001  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Serial No.: 08/477,984

Art Unit: 1654

Filing Date: June 7, 1995

Examiner: A. Gupta

Title: METHODS FOR PURIFYING AUTHENTIC  
IGF FROM YEAST HOSTS

CONSENT OF ASSIGNEE FOR CORRECTION OF  
INVENTORSHIP UNDER 37 CFR §1.48(a)

Assistant Commissioner for Patents  
Washington, D.C. 20231

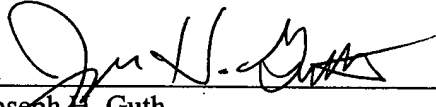
Sir:

Chiron Corporation, the owner of the entire right, title and interest in and to the above-identified application, by virtue of assignments recorded September 15, 1995 at Reel 7647, Frame 0141 and January 21, 1997 at Reel 8310, Frame 0204 hereby consents to the request to correct inventorship of the above-identified application to designate CARL SCANDELLA, RUSSELL A. BRIERLEY, JOAN N. ABRAMS, JOHN M. HANSON and FRANCIS C. MASLANKA as additional inventors.

Chiron Corporation

Date: June 18, 2003

By:

  
Joseph H. Guth  
Vice President and  
Associate Chief Patent Counsel  
Assistant Secretary



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS**

the specification of which (check one)    is attached hereto   X   was filed on June 7, 1995 as U.S. Application Serial No. 08/477,984 and was amended on August 28, 1996, December 10, 1997 and September 16, 1998.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

=====

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Priority Claimed	
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Yes</u> <u>No</u>

=====

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application		Status
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented, Pending, Abandoned</u>

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or **first** inventor: Cynthia COWGILL

Inventor's signature x *Cynthia Cowgill* Date: x 04 Apr 03

Residence: Berkeley, CA

Citizenship: US

Post Office Address: 2555 Buena Vista Way, Berkeley, CA 94708

Full name of **second** inventor: Luis JUARBE-OSORIO

Inventor's signature x \_\_\_\_\_ Date: x \_\_\_\_\_

Residence: San Francisco, CA

Citizenship: US

Post Office Address: 1724 Alabama Street, San Francisco, CA 94110

Full name of **third** inventor: Patricio RIQUELME

Inventor's signature x *P. Riquelme* Date: x 9 April 2003

Residence: Walnut Creek, CA

Citizenship: Chile

Post Office Address: 197 Gorton Road, Walnut Creek, CA 94539  
d, PR 8-4-03

Full name of **fourth** inventor: Glenn DORIN

Inventor's signature x *[Signature]* Date: x 31 March 03

Residence: San Rafael, CA

Citizenship: US

Post Office Address: 34 Belle Avenue, San Rafael, CA 94901

637038 v1/PA CHIR-1087/00US 1087.001 2300-1087  
DNJS011.DOC



Full name of **fifth** inventor: Christopher M. BUSSINEAU

Inventor's signature x Date: x

Residence: Hayward, CA

Citizenship: US

Post Office Address: 3616 La Mesa Drive, Hayward, CA 94542

Full name of **sixth** inventor: Robert D. KUDRNA

Inventor's signature x Robert D Kudrna Date: 28 MAR 03

Residence: Alameda, CA

Citizenship: US

Post Office Address: 3111 FERNSIDE BLVD 28 MAR 03  
2051 Shoreline Drive, #309, Alameda, CA 94501

Full name of **seventh** inventor: Carl SCANDELLA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Bellevue, WA

Citizenship: US

Post Office Address: 4404 91<sup>st</sup> Avenue NE, Bellevue, WA 98004

Full name of **eighth** inventor: Russell A. BRIERLEY

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 1297 Kirkland Avenue, West Chester, PA 19380

Full name of **ninth** inventor: Joan N. ABRAMS

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Downingtown, PA 19335

Citizenship: US

Post Office Address: 464 Brookwood Drive, Downingtown, PA 19335

Full name of **tenth** inventor: John M. HANSON

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Encinitas, CA

Citizenship: US

Post Office Address: 1019 Elmview Drive, Encinitas, CA 92024

Full name of **eleventh** inventor: Francis C. MASLANKA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 607 Lorient Drive, West Chester, PA 19382

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS**

the specification of which (check one)    is attached hereto   X   was filed on June 7, 1995 as U.S. Application Serial No. 08/477,984 and was amended on August 28, 1996, December 10, 1997 and September 16, 1998.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

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I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Yes</u>	<u>No</u>

=====

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application		Status
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I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Cynthia COWGILL

Inventor's signature x Cynthia Cowgill Date: x 04 Apr 03

Residence: Berkeley, CA

Citizenship: US

Post Office Address: 2555 Buena Vista Way, Berkeley, CA 94708

Full name of second inventor: Luis JUARBE-OSORIO

Inventor's signature x Luis Juarbe-Osorio Date: x 25 April 2003

Residence: San Francisco, CA

Citizenship: US

Post Office Address: 1724 Alabama Street, San Francisco, CA 94110

Full name of third inventor: Patricio RIQUELME

Inventor's signature x Patricio Riquelme Date: x 9 April 2003

Residence: Walnut Creek, CA

Citizenship: Chile

Post Office Address: 197 <sup>d, PR 8-4-03</sup> Gordon Road, Walnut Creek, CA 94539

Full name of fourth inventor: Glenn DORIN

Inventor's signature x Glenn Dorin Date: x 31 March 03

Residence: San Rafael, CA

Citizenship: US

Post Office Address: 34 Belle Avenue, San Rafael, CA 94901

Full name of **fifth** inventor: Christopher M. BUSSINEAU

Inventor's signature x \_\_\_\_\_ Date: x \_\_\_\_\_

Residence: Hayward, CA

Citizenship: US

Post Office Address: 3616 La Mesa Drive, Hayward, CA 94542

Full name of **sixth** inventor: Robert D. KUDRNA

Inventor's signature x Robert D Kudrna Date: 28 MAR 03

Residence: Alameda, CA

Citizenship: US

Post Office Address: 3111 FERNSIDE BLVD 28 MAR 03  
~~2051 Shoreline Drive, #302~~, Alameda, CA 94501

Full name of **seventh** inventor: Carl SCANDELLA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Bellevue, WA

Citizenship: US

Post Office Address: 4404 91<sup>st</sup> Avenue NE, Bellevue, WA 98004

Full name of **eighth** inventor: Russell A. BRIERLEY

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 1297 Kirkland Avenue, West Chester, PA 19380

Full name of **ninth** inventor: Joan N. ABRAMS

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Downingtown, PA 19335

Citizenship: US

Post Office Address: 464 Brookwood Drive, Downingtown, PA 19335

Full name of **tenth** inventor: John M. HANSON

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Encinitas, CA

Citizenship: US

Post Office Address: 1019 Elmview Drive, Encinitas, CA 92024

Full name of **eleventh** inventor: Francis C. MASLANKA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 607 Lorient Drive, West Chester, PA 19382

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Inventor's signature x *Cynthia Cowgill* Date: x 04 Apr 03

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Citizenship: US

Post Office Address: 2555 Buena Vista Way, Berkeley, CA 94708

Full name of **second** inventor: Luis JUARBE-OSORIO

Inventor's signature x \_\_\_\_\_ Date: x \_\_\_\_\_

Residence: San Francisco, CA

Citizenship: US

Post Office Address: 1724 Alabama Street, San Francisco, CA 94110

Full name of **third** inventor: Patricio RIQUELME

Inventor's signature x \_\_\_\_\_ Date: x \_\_\_\_\_

Residence: Walnut Creek, CA

Citizenship: Chile

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Inventor's signature x *[Signature]* Date: x 31 March 03


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Citizenship: US

Post Office Address: 34 Belle Avenue, San Rafael, CA 94901



Full name of **fifth** inventor: Christopher M. BUSSINEAU

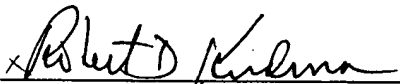
Inventor's signature x  Date: x 17 APR 03

Residence: Hayward, CA

Citizenship: US

Post Office Address: 3616 La Mesa Drive, Hayward, CA 94542

Full name of **sixth** inventor: Robert D. KUDRNA

Inventor's signature x  Date: 28 MAR 03

Residence: Alameda, CA

Citizenship: US

Post Office Address: 311 FERNSIDE BLVD <sup>28 MAR 03</sup> ~~2051 Shoreline Drive, #309~~, Alameda, CA 94501

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Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

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Citizenship: US

Post Office Address: 4404 91<sup>st</sup> Avenue NE, Bellevue, WA 98004

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Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 1297 Kirkland Avenue, West Chester, PA 19380

Full name of ninth inventor: Joan N. ABRAMS

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Downingtown, PA 19335

Citizenship: US

Post Office Address: 464 Brookwood Drive, Downingtown, PA 19335

Full name of tenth inventor: John M. HANSON

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Encinitas, CA

Citizenship: US

Post Office Address: 1019 Elmview Drive, Encinitas, CA 92024

Full name of eleventh inventor: Francis C. MASLANKA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 607 Lorient Drive, West Chester, PA 19382



DECLARATION FOR PATENT APPLICATION

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Prior Foreign Application(s)			Priority Claimed	
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Yes</u>	<u>No</u>

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application		Status
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented, Pending, Abandoned</u>

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or **first** inventor: Cynthia COWGILL

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Berkeley, CA

Citizenship: US

Post Office Address: 2555 Buena Vista Way, Berkeley, CA 94708

Full name of **second** inventor: Luis JUARBE-OSORIO

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: San Francisco, CA

Citizenship: US

Post Office Address: 1724 Alabama Street, San Francisco, CA 94110

Full name of **third** inventor: Patricio RIQUELME

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Walnut Creek, CA

Citizenship: Chile

Post Office Address: 197 Gorvon Road, Walnut Creek, CA 94539

Full name of **fourth** inventor: Glenn DORIN

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: San Rafael, CA

Citizenship: US

Post Office Address: 34 Belle Avenue, San Rafael, CA 94901

637038 v1/PA CHIR-1087/00US 1087.001 2300-1087  
DNJS01!.DOC

Full name of **fifth** inventor: Christopher M. BUSSINEAU

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Hayward, CA

Citizenship: US

Post Office Address: 3616 La Mesa Drive, Hayward, CA 94542

Full name of **sixth** inventor: Robert D. KUDRNA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Alameda, CA

Citizenship: US

Post Office Address: 2051 Shoreline Drive, #309, Alameda, CA 94501

Full name of **seventh** inventor: Carl SCANDELLA

Inventor's signature *x Carl Scandella* Date: *x 3/11/03*

Residence: Bellevue, WA

Citizenship: US

Post Office Address: 4404 91<sup>st</sup> Avenue NE, Bellevue, WA 98004

Full name of **eighth** inventor: Russell A. BRIERLEY

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 1297 Kirkland Avenue, West Chester, PA 19380

Full name of **ninth** inventor: Joan N. ABRAMS

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Downingtown, PA 19335

Citizenship: US

Post Office Address: 464 Brookwood Drive, Downingtown, PA 19335

Full name of **tenth** inventor: John M. HANSON

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Encinitas, CA

Citizenship: US

Post Office Address: 1019 Elmview Drive, Encinitas, CA 92024

Full name of **eleventh** inventor: Francis C. MASLANKA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 607 Lorient Drive, West Chester, PA 19382

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS**

the specification of which (check one)    is attached hereto   X   was filed on June 7, 1995 as U.S. Application Serial No. 08/477,984 and was amended on August 28, 1996, December 10, 1997 and September 16, 1998.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Priority Claimed	
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Yes</u> <u>No</u>

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application		Status
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented, Pending, Abandoned</u>

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Cynthia COWGILL

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Berkeley, CA

Citizenship: US

Post Office Address: 2555 Buena Vista Way, Berkeley, CA 94708

Full name of second inventor: Luis JUARBE-OSORIO

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: San Francisco, CA

Citizenship: US

Post Office Address: 1724 Alabama Street, San Francisco, CA 94110

Full name of third inventor: Patricio RIQUELME

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Walnut Creek, CA

Citizenship: Chile

Post Office Address: 197 Gervon Road, Walnut Creek, CA 94539

Full name of fourth inventor: Glenn DORIN

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: San Rafael, CA

Citizenship: US

Post Office Address: 34 Belle Avenue, San Rafael, CA 94901

637038 v1/PA CHIR-1087/00US 1087.001 2300-1087  
DNJ5011.DOC



Full name of fifth inventor: Christopher M. BUSSINEAU

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Hayward, CA

Citizenship: US

Post Office Address: 3616 La Mesa Drive, Hayward, CA 94542

Full name of sixth inventor: Robert D. KUDRNA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Alameda, CA

Citizenship: US

Post Office Address: 2051 Shoreline Drive, #309, Alameda, CA 94501

Full name of seventh inventor: Carl SCANDELLA

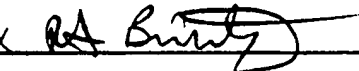
Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Bellevue, WA

Citizenship: US

Post Office Address: 4404 91<sup>st</sup> Avenue NE, Bellevue, WA 98004

Full name of eighth inventor: Russell A. BRIERLEY

Inventor's signature  Date: x 9 Sep 03

Residence: West Chester, PA

Citizenship: US

Post Office Address: 1297 Kirkland Avenue, West Chester, PA 19380

Full name of ninth inventor: Joan N. ABRAMS

Inventor's signature X Date: X

Residence: Downingtown, PA 19335

Citizenship: US

Post Office Address: 464 Brookwood Drive, Downingtown, PA 19335

Full name of tenth inventor: John M. HANSON

Inventor's signature X  Date: X 9/22/03

Residence: Encinitas, CA

Citizenship: US

Post Office Address: 1019 Elmview Drive, Encinitas, CA 92024

Full name of eleventh inventor: Francis C. MASLANKA

Inventor's signature X Date: X

Residence: West Chester, PA

Citizenship: US

Post Office Address: 607 Lorient Drive, West Chester, PA 19382



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS**

the specification of which (check one)    is attached hereto   X   was filed on June 7, 1995 as U.S. Application Serial No. 08/477,984 and was amended on August 28, 1996, December 10, 1997 and September 16, 1998.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

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Prior Foreign Application(s)		Priority Claimed	
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Yes</u> <u>No</u>

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Application		Status
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented, Pending, Abandoned</u>

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Cynthia COWGILL

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

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Post Office Address: 2555 Buena Vista Way, Berkeley, CA 94708

Full name of second inventor: Luis JUARBE-OSORIO

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: San Francisco, CA

Citizenship: US

Post Office Address: 1724 Alabama Street, San Francisco, CA 94110

Full name of third inventor: Patricio RIQUELME

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Walnut Creek, CA

Citizenship: Chile

Post Office Address: 197 Gervon Road, Walnut Creek, CA 94539

Full name of fourth inventor: Glenn DORIN

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: San Rafael, CA

Citizenship: US

Post Office Address: 34 Belle Avenue, San Rafael, CA 94901

637038 v1/PA CHIR-1087/00US 1087.001 2300-1087  
DNJ5011.DOC

Full name of fifth inventor: Christopher M. BUSSINEAU

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Hayward, CA

Citizenship: US

Post Office Address: 3616 La Mesa Drive, Hayward, CA 94542

Full name of sixth inventor: Robert D. KUDRNA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Alameda, CA

Citizenship: US

Post Office Address: 2051 Shoreline Drive, #309, Alameda, CA 94501

Full name of seventh inventor: Carl SCANDELLA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Bellevue, WA

Citizenship: US

Post Office Address: 4404 91<sup>st</sup> Avenue NE, Bellevue, WA 98004

Full name of eighth inventor: Russell A. BRIERLEY

Inventor's signature RA Brierley Date: x 9 Sep 03

Residence: West Chester, PA

Citizenship: US

Post Office Address: 1297 Kirkland Avenue, West Chester, PA 19380

Full name of ninth inventor: Joan N. ABRAMS

Inventor's signature / J. A. Mame Date: 30 Sep 03

Residence: Downingtown, PA 19335

Citizenship: US

Post Office Address: 464 Brookwood Drive, Downingtown, PA 19335

Full name of tenth inventor: John M. HANSON

Inventor's signature X Date: X

**Residence:** Encinitas, CA

Citizenship: US

Post Office Address: 1019 Elmview Drive, Encinitas, CA 92024

Full name of eleventh inventor: Francis C. MASLANKA

Inventor's signature: *J. Maslanika* Date: 22 OCT 03

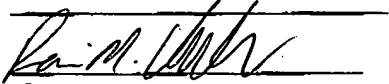
**Residence:** West Chester, PA

**Citizenship:** US

Citizenship: US  
Post Office Address: ~~607 Lorient Drive, West Chester, PA 19382~~ 236 Montpelier Drive, Downingtown PA, 19335  
Jm  
22 OCT 02

PATENT  
U.S. Serial No. 08/477,984  
Attorney Docket No. 2300-1087 (1087.001)

I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

  
Name:

Date 11/10/03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

COWGILL et al.

Confirmation No.:

Serial No.: 08/477,984

Group Art: 1654

Filed: June 7, 1995

Examiner: Gupta

For: METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS

**POWER OF ATTORNEY FOR PATENT APPLICATION**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

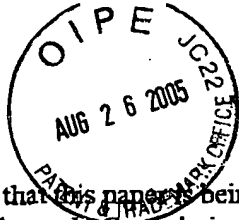
Sir:

As assignee of record of the above-identified application, I hereby appoint the following as my attorneys or agents with full power of substitution to prosecute this application and transact all business in the patent office connected therewith:

Roberta L. Robins  
Dahna S. Pasternak

33,208  
41,411

Please direct all telephone calls regarding this application to Roberta L. Robins at Robins & Pasternak LLP: Telephone (650) 493-3400; Facsimile (650) 493-3440.



PATENT  
U.S. Serial No. 08/477,984  
Attorney Docket No. 2300-1087 (1087.001)

I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

R. M. Robins  
Name:

11/10/03  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

COWGILL et al.

Serial No.: 08/477,984

Filed: June 7, 1995

For: METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS

Confirmation No.:

Group Art: 1654

Examiner: Gupta

**POWER OF ATTORNEY FOR PATENT APPLICATION**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

As assignee of record of the above-identified application, I hereby appoint the following as my attorneys or agents with full power of substitution to prosecute this application and transact all business in the patent office connected therewith:

Roberta L. Robins	33,208
Dahna S. Pasternak	41,411

Please direct all telephone calls regarding this application to Roberta L. Robins at Robins & Pasternak LLP: Telephone (650) 493-3400; Facsimile (650) 493-3440.



Address for ALL Correspondence:

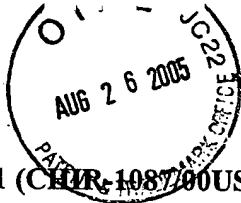
Chiron Corporation  
Intellectual Property  
P.O. Box 8097  
Emeryville, CA 94662-8097

CHIRON CORPORATION

Date: November 9, 2003

By: 

Joseph H. Guth  
Vice President and  
Associate Chief Patent Counsel  
Assistant Secretary



Attorney Docket No. PP1087.001 (CHIR-108700US)

Patent

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 on 11/10/03.

By: **STATEMENT UNDER 37 C.F.R. § 3.73(b)**Applicant/Patent Owner: Chiron CorporationApplication No./Patent No: 08/477,984 Filed/Issue Date: June 7, 1995Entitled: METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS

Chiron Corporation  
(Name of Assignee)

a corporation  
(Type of assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either

- A. ☒ Assignments from the inventor(s) of the patent application identified above. The assignments were recorded in the Patent and Trademark Office at Reel 7647, Frame 0141 and Reel 8310, Frame 0204, or for which copies thereof are attached.

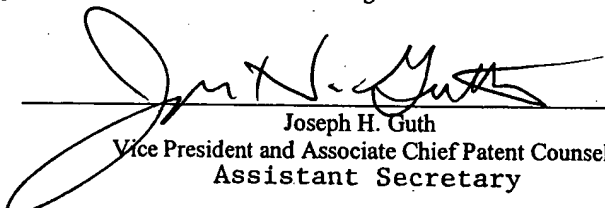
OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From:      To:       
The document was recorded in the Patent and Trademark Office at  
Reel     , Frame     , or for which a copy thereof is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date: June 18, 2003

  
Joseph H. Guth  
Vice President and Associate Chief Patent Counsel  
Assistant Secretary

ASSIGNMENT

COPY

WHEREAS, I, Carl SCANDELLA, hereinafter referred to as ASSIGNOR, have invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:           **METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS**

Date of Execution:

Filing Date:                   June 7, 1995

Serial No:                     08/477,984

WHEREAS, **CHIRON CORPORATION**, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNOR** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNOR** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

**ASSIGNOR** also agrees that the U.S. serial number and the filing date may be entered above by **ASSIGNEE** or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

ASSIGNOR further agrees that he will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed his name to this assignment on the date indicated below.

INVENTOR: Carl SCANDELLA

DATE x March 11, 2003

x Carl Scandella  
Signature

State of Washington

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, Notary Public, personally appeared \_\_\_\_\_, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Seal

✓  
ATTORNEY DOCKET 2306-1087 DATE 11/10/03

Transmittal letter - Request to correct Inventorship - Declaration  
in Support of Retention & correct Inventorship - Consent of  
Assignee for correction of Inventorship - Declaration  
for Patent Application #6 - Power of Attorney -  
Statement under 37 CFR 3.73(b) with copy of Assignment  
& Return Postcard.

PAPER: As Above

INVENTOR:

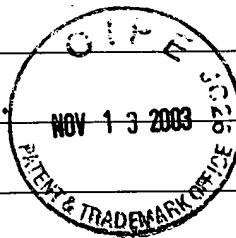
Cougin et al

SERIAL NO.:

08/477,984

FILING DATE:

June 7, 1995



RECEIVED BY THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY



Atty Dkt No. 2300-1087  
Chiron 1087.001  
PATENT

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on Oct. 3, 1996

10/3/96  
Date

Marilyn B. McKenna  
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Serial No.: 08/477,984

Art Unit: 1815

Filing Date: June 7, 1995

Examiner: Unassigned

Title: METHODS FOR PURIFYING  
AUTHENTIC IGF FROM YEAST  
HOSTS

TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed are the following documents in connection with the above-identified application:

- 1) Consent of Assignee to Correction of Inventorship Under 37 CFR §1.48(c);
- 2) Combined Declaration and Power of Attorney for Utility Patent Application signed by new inventors;
- 3) Petition for Correction of Inventorship Pursuant to 37 CFR §1.48(c);
- 4) Declaration of Original Inventors In Support of Petition to Correct Inventorship Pursuant to 37 CFR §1.48(c) with attached copy of Petition for

Correction of Inventorship Pursuant to 37 CFR  
\$1.48(c);

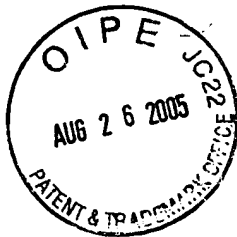
- 5) Associate Power of Attorney;
- 6) Supplemental Information Disclosure Statement,  
PTO-1449, 1 reference;
- 7) \$130; and
- 8) return postcard.

The Commissioner is hereby authorized to charge any  
additional fees or to credit any overpayment to Deposit  
Account No. 18-0580. A duplicate of this paper is attached.

Respectfully submitted,

Date: 10/3/96 By:   
Roberta L. Robins  
Registration No. 33,208

REED & ROBINS LLP  
285 Hamilton Avenue, Suite 200  
Palo Alto, CA 94301  
Telephone: (415) 327-3400  
Fax: (415) 327-3231



Atty Dkt No. 2300-1087  
Chiron 1087.001  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Serial No.: 08/477,984

Art Unit: 1815

Filing Date: June 7, 1995

Examiner: Unassigned

Title: METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS

CONSENT OF ASSIGNEE TO CORRECTION OF INVENTORSHIP  
UNDER 37 CFR §1.48(c)

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Chiron Corporation, assignee of the entire title and interest of the above-referenced patent application, hereby consents to the correction of inventorship, adding as inventors Christopher M. Bussineau and Robert D. Kudrna. I am fully authorized to execute legal documents on behalf of Chiron Corporation.

Respectfully submitted,

Date:

8/29/96

By:

Grant D. Green  
Assistant Secretary  
Chiron Corporation





Atty Dkt No. 2300-1087  
Client No. 1087.001

COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR UTILITY PATENT APPLICATION

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS, the specification of which

(check one) ☐ is attached hereto  
☒ was filed on June 7, 1995

as application serial no. 08/477,984 and was amended on August 28, 1996.

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge and understand that I am an individual who has a duty to disclose information which is material to the patentability of the claims of this application in accordance with Title 37, Code of Federal Regulations, §§ 1.56(a) and (b) which state:

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

I do not know and do not believe this invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application. This invention was not in public use or on sale in the United States of America more than one year prior to this application. This invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than six months prior to this application.

I hereby claim priority benefits under Title 35, United States Code § 119(e)(1) of any United States provisional application(s) for patent as indicated below and have also identified below any application for patent on this invention having a filing date before that of the application for patent on which priority is claimed:

<u>Application No.</u>	<u>Date of Filing (day/month/year)</u>	<u>Priority Claimed</u>
		Yes ___ No ___

I hereby appoint the following attorneys and agents to prosecute that application and to transact all business in the Patent and Trademark Office connected therewith and to file, to prosecute and to transact all business in connection with all patent applications directed to the invention:

Dianne E. Reed, Reg. No. 31,292  
Roberta L. Robins, Reg. No. 33,208  
Kenneth Barovsky, Reg. No. 36,442  
Thomas P. McCracken, Reg. No. 38,548  
Nancy Y. Chu, Reg. No. 40,349  
Robert P. Blackburn, Reg. No. 30,447  
Grant D. Green, Reg. No. 31,259  
Barbara G. McClung, Reg. No. 33,113  
Philip L. McGarrigle, Jr., Reg. No. 31,395

Kenneth M. Goldman, Reg. No. 34,174  
Amy L. Collins, Reg. No. 33,370  
Ling-Fong Chung, Reg. No. 36,482  
Paul B. Saveride, Reg. No. 36,914  
Paul B. Simboli, Reg. No. 38,616  
Alisa A. Harbin, Reg. No. 33,895  
Norman J. Kruse, Reg. No. 35,235  
Joseph H. Guth, Reg. No. 31,261

Address all correspondence to: Roberta L. Robins at

REED & ROBINS LLP  
285 Hamilton Avenue, Suite 200  
Palo Alto, CA 94301

Address all telephone calls to: Roberta L. Robins at (415) 327-3400.

This appointment, including the right to delegate this appointment, shall also apply to the same extent to any proceedings established by the Patent Cooperation Treaty.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

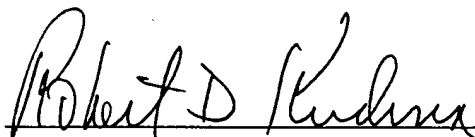
Signature:   
Full Name of Inventor: Christopher M. Bussineau

Date 7/6/96

Citizenship: United States of America

Residence: Hayward, California

Post Office Address: 1938 E. Street, Hayward, California 94541

Signature:   
Full Name of Inventor: Robert D. Kudrna

Date 9-16-96

Citizenship: United States of America

Residence: Alameda, California

Post Office Address: 2051 Shoreline Drive, #309, Alameda, California 94501



Atty Dkt No. 2300-1087  
Chiron 1087.001  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Serial No.: 08/477,984

Art Unit: 1815

Filing Date: June 7, 1995

Examiner: Unassigned

Title: METHODS FOR PURIFYING AUTHENTIC  
IGF FROM YEAST HOSTS

PETITION FOR CORRECTION OF INVENTORSHIP  
PURSUANT TO 37 CFR §1.48(c)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This Petition is filed in order to timely correct the inventorship of the above-identified application under 37 CFR §1.48(c). The inventorship is incomplete due to an error made without deceptive intent. This Petition contains a Statement of Facts, the truth of which is verified by each of the originally named inventors. Accompanying the Petition is the fee set forth in 37 CFR §1.17(h); Declaration and Power of Attorney, signed by each of the added inventors; Declaration of Original Inventors in Support of Petition to Correct Inventorship signed by each of the originally named inventors; and a Consent of Assignee to Correction of Inventorship Under 37 CFR §1.48(c). The Commissioner is hereby authorized to charge any additional fees or credit overpayment to Deposit Account No. 18-0580.

Statement of Facts

On June 6, 1996, a continuation-in-part application was filed claiming priority from the present application. Shortly before filing the continuation-in-part application, the

Atty Dkt 2300-1087  
USSN: 08/477,984  
PATENT

undersigned met with the inventors that were originally named on the present application to discuss the subject matter of this application and the continuation-in-part application and to discuss inventorship and the determination thereof in detail. During the meeting, it became clear that the inventors named on the present application had not fully appreciated the meaning of inventorship as it applied to patent applications when the initial inventorship determination had been made. It further became apparent that Christopher M. Bussineau and Robert D. Kudrna contributed to the claimed invention by conceiving of the idea to elevate the pH of the yeast cell medium and that these contributors had been mistakenly omitted from the application.

The failure to originally name these two inventors was inadvertent and made without deceptive intent.

Relief Requested

Accordingly, the Commissioner is respectfully requested to amend the inventorship of the subject application to include Christopher M. Bussineau and Robert D. Kudrna. Thus, acceptance of the accompanying documents is earnestly solicited.

Respectfully submitted,

By: Robert L. Robins  
Robert L. Robins  
Registration 33,208

REED & ROBINS  
285 Hamilton Avenue, Suite 200  
Palo Alto, California 94301  
Telephone: (415) 327-3400  
Fax: (415) 327-3231



Atty Dkt No. 2300-1087  
Chiron 1087.001  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Serial No.: 08/477,984

Art Unit: 1815

Filing Date: June 7, 1995

Examiner: Unassigned

Title: METHODS FOR PURIFYING AUTHENTIC  
IGF FROM YEAST HOSTS

DECLARATION OF ORIGINAL INVENTORS IN SUPPORT OF PETITION  
TO CORRECT INVENTORSHIP PURSUANT TO 37 CFR §1.48(c)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

We, Cynthia Cowgill, Luis Juarbe, Patricio Riquelme  
and Glenn Dorin declare as follows:

1. We are the originally named joint inventors of  
the subject patent application.

2. We have read the Petition to Correct  
Inventorship Pursuant to 37 CFR §1.48(c) to which this  
declaration is attached (hereinafter "Petition"), and the  
Statement of Facts contained therein.

3. We hereby agree with the Petition and verify  
that to the best of our knowledge, the Statement of Facts is true  
and accurate.

4. We verify that to the best of our knowledge the  
error in inventorship occurred innocently, and without deceptive  
intent.

5. We declare that all statements made herein of  
our own knowledge are true and that all statements made on  
information and belief are believed to be true; and that these  
statements were made with the knowledge that willful false

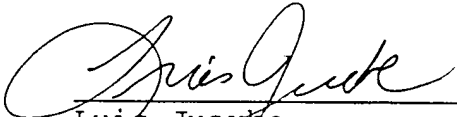
Atty Dkt 2300-1087  
USSN: 08/477,984  
PATENT

statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date Sept. 16, 1996

  
Cynthia Cowgill

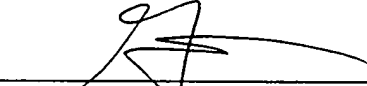
Date Sept. 16, 1996

  
Luis Juarbe

Date Sept 16, 1996

  
Patricio Riquelme

Date Sept 26, 1996

  
Glenn Dorin





Atty Dkt No. 2300-1087  
Chiron 1087.001  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Serial No.: 08/477,984

Art Unit: 1815

Filing Date: June 7, 1995

Examiner: Unassigned

Title: METHODS FOR PURIFYING AUTHENTIC  
IGF FROM YEAST HOSTS

PETITION FOR CORRECTION OF INVENTORSHIP  
PURSUANT TO 37 CFR §1.48(c)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

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Atty Dkt 2300-1087  
USSN: 08/477,984  
PATENT

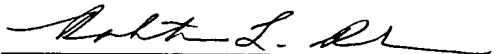
undersigned met with the inventors that were originally named on the present application to discuss the subject matter of this application and the continuation-in-part application and to discuss inventorship and the determination thereof in detail. During the meeting, it became clear that the inventors named on the present application had not fully appreciated the meaning of inventorship as it applied to patent applications when the initial inventorship determination had been made. It further became apparent that Christopher M. Bussineau and Robert D. Kudrna contributed to the claimed invention by conceiving of the idea to elevate the pH of the yeast cell medium and that these contributors had been mistakenly omitted from the application.

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Respectfully submitted,

By:   
Roberta L. Robins  
Registration 33,208

REED & ROBINS  
285 Hamilton Avenue, Suite 200  
Palo Alto, California 94301  
Telephone: (415) 327-3400  
Fax: (415) 327-3231

Atty Dkt No. 2300-1087  
Chiron 1087.001  
PATENT

I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope  
addressed to: Assistant Commissioner for Patents, Washington,  
D.C. 20231 on Oct. 3, 1995

10/3/95  
Date

Marilyn B. McKenna  
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Serial No.: 08/477,984

Art Unit: 1815

Filing Date: June 7, 1995

Examiner: Unassigned

Title: METHODS FOR PURIFYING  
AUTHENTIC IGF FROM YEAST  
HOSTS

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please recognize as associate attorneys in this  
case:

Norman J. Kruse, Reg. No. 35,235  
Joseph H. Guth, Reg. No. 31,261  
CHIRON CORPORATION  
Intellectual Property - R440  
P.O. Box 8097  
Emeryville, CA 94662-8097  
(510) 655-8729

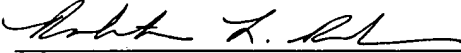
and

Nancy Y. Chu, Reg. No. 40,349  
REED & ROBINS LLP  
285 Hamilton Avenue, Suite 200  
Palo Alto, CA 94301  
(415) 327-3400

Atty. # No. 2300-1087  
USSN: J8/477,984  
PATENT

Please address all further communications to Joseph  
H. Guth at Chiron Corporation.

Respectfully submitted,

Date: 10/3/96 By:   
Roberta L. Robins  
Registration No. 33,208

REED & ROBINS LLP  
285 Hamilton Avenue, Suite 200  
Palo Alto, CA 94301  
Telephone: (415) 327-3400  
Fax: (415) 327-3231



Atty Dkt 2300-1087  
PATENT

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on Oct. 3, 1996

10/3/96  
Date

Marilyn B. McKenna  
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

COWGILL et al.

Serial No.: 08/477,984

Group Art Unit: 1815

Filing Date: June 7, 1995

Examiner: Unassigned

Title: METHODS FOR PURIFYING  
AUTHENTIC IGF FROM YEAST  
HOSTS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The information listed below was cited in an International (PCT) Search Report dated September 13, 1996, in a PCT application corresponding to the above-identified U.S. application. A copy of the Search Report, including an indication of the purported relevance of the cited documents, is enclosed herewith. Copies of the information not previously cited to the Examiner, and the completed PTO-1449 forms, are also submitted herewith. The Examiner is requested to make this information of official record in the application. No additional fee is required. The information includes:

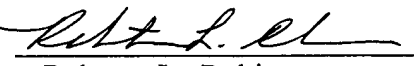
International Publication No. WO 93/19084, published September 30, 1993.

This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a search has been made; (ii) additional

Atty E. 1300-1087  
USSN: 08/477,984  
PATENT

information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Respectfully submitted,

By:   
Roberta L. Robins  
Registration No. 33,208

REED & ROBINS LLP  
285 Hamilton Avenue, Suite 200  
Palo Alto, CA 94301  
Telephone: (415) 327-3400  
Fax: (415) 327-3231



Atty Dkt No. 2300-1087  
1087.001

COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)  
Sheet 1 of 1

In the Application of COWGILL et al.

Serial No.: 08/477,984

Art Unit: 1815

Filed: July 7, 1995

Examiner: Unassigned

Title: METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
	AA-3						

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO	
	AB-3	WO 93/19084	September 30, 1993	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
	AC-3	

Examiner:

Date Considered:

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTORNEY DOCKET 2300-1087 DATE Oct. 3, 1996  
~~Chiron 1087.001~~

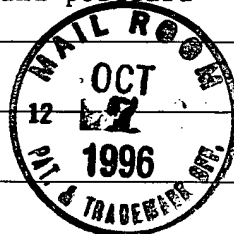
Transmittal Letter in dup. with cert. of mailing, Consent of Assignee to Correction of Inventorship, Declaration and Power of Attorney, Petition for Correction of Inventorship, Declaration of Original Inventors in Support of Pet. to Correct Inventorship, Pet. for Correction of Inventorship, Associate Power of Attorney, Supp. IDS with cert. of mail, Form PTO-1449, 1 reference, \$130 and postcard

PAPER: \_\_\_\_\_

INVENTOR: Cowgill et al.

SERIAL NO.: 08/477,984

FILING DATE: June 7, 1995



RECEIVED BY THE UNITED STATES PATENT AND TRADEMARK OFFICE